UNITED STATES PATENT AND TRADEMARK OFFICE

# NOTICE OF ALLOWANCE AND FEE(S) DUE

| | | |
|---|---|---|
| 29638 | 7590 | 10/20/2009 |

BANNER & WITCOFF, LTD.
ATTORNEYS FOR CLIENT NO. 005222
10 S. WACKER DRIVE, 30TH FLOOR
CHICAGO, IL 60606

| EXAMINER |
|---|
| COUGHLAN, PETER D |

| ART UNIT | PAPER NUMBER |
|---|---|
| 2129 | |

DATE MAILED: 10/20/2009

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|---|---|---|---|
| 09/868,664 | 09/26/2001 | Stewart Mark Nichols | 05222.00161 | 3001 |

TITLE OF INVENTION: A RUNTIME PROGRAM ANALYSIS TOOL FOR A SIMULATION ENGINE

| APPLN. TYPE | SMALL ENTITY | ISSUE FEE DUE | PUBLICATION FEE DUE | PREV. PAID ISSUE FEE | TOTAL FEE(S) DUE | DATE DUE |
|---|---|---|---|---|---|---|
| nonprovisional | NO | $1510 | $0 | $0 | $1510 | 01/20/2010 |

**THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.**

**THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.**

**HOW TO REPLY TO THIS NOTICE:**

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

**IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.**

PTOL-85 (Rev. 08/07) Approved for use through 08/31/2010.

# PART B - FEE(S) TRANSMITTAL

**Complete and send this form, together with applicable fee(s), to:** <u>Mail</u>   Mail Stop ISSUE FEE
**Commissioner for Patents**
**P.O. Box 1450**
**Alexandria, Virginia 22313-1450**
    or <u>Fax</u>   **(571)-273-2885**

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INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

29638       7590       10/20/2009

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CHICAGO, IL 60606

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

**Certificate of Mailing or Transmission**
I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

_____ (Depositor's name)

_____ (Signature)

_____ (Date)

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|---|---|---|---|
| 09/868,664 | 09/26/2001 | Stewart Mark Nichols | 05222.00161 | 3001 |

TITLE OF INVENTION: A RUNTIME PROGRAM ANALYSIS TOOL FOR A SIMULATION ENGINE

| APPLN. TYPE | SMALL ENTITY | ISSUE FEE DUE | PUBLICATION FEE DUE | PREV. PAID ISSUE FEE | TOTAL FEE(S) DUE | DATE DUE |
|---|---|---|---|---|---|---|
| nonprovisional | NO | $1510 | $0 | $0 | $1510 | 01/20/2010 |

| EXAMINER | ART UNIT | CLASS-SUBCLASS |
|---|---|---|
| COUGHLAN, PETER D | 2129 | 706-045000 |

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

❑ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

❑ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 _____

2 _____

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3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE          (B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) : ❑ Individual ❑ Corporation or other private group entity ❑ Government

4a. The following fee(s) are submitted:

❑ Issue Fee

❑ Publication Fee (No small entity discount permitted)

❑ Advance Order - # of Copies _____

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❑ A check is enclosed.

❑ Payment by credit card. Form PTO-2038 is attached.

❑ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. **Change in Entity Status** (from status indicated above)

❑ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

❑ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature _____     Date _____

Typed or printed name _____     Registration No. _____

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| COUGHLAN, PETER D |

| ART UNIT | PAPER NUMBER |
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| 2129 | |

DATE MAILED: 10/20/2009

## Determination of Patent Term Extension under 35 U.S.C. 154 (b)
### (application filed after June 7, 1995 but prior to May 29, 2000)

The Patent Term Extension is 0 day(s). Any patent to issue from the above-identified application will include an indication of the 0 day extension on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Extension is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

PTOL-85 (Rev. 08/07) Approved for use through 08/31/2010.

| | Application No. | Applicant(s) |
|---|---|---|
| **Notice of Allowability** | 09/868,664 | NICHOLS, STEWART MARK |
| | Examiner | Art Unit |
| | PETER COUGHLAN | 2129 |

*-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--*

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to _7/17/2009_.

2. ☒ The allowed claim(s) is/are _1-22_.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All    b) ☐ Some*   c) ☐ None   of the:

       1. ☐ Certified copies of the priority documents have been received.

       2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

       3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the

          International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.

   (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached

      1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.

   (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of

      Paper No./Mail Date _____.

   **Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☒ Information Disclosure Statements (PTO/SB/08),
   Paper No./Mail Date _6/10/2004_

4. ☐ Examiner's Comment Regarding Requirement for Deposit
   of Biological Material

5. ☐ Notice of Informal Patent Application

6. ☐ Interview Summary (PTO-413),
   Paper No./Mail Date _____ .

7. ☐ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____.

### *Reasons For Allowance*

1.      Claims 1-22 are allowed.

2.      Claims are considered allowable since when reading the claims in light of the specification, as per the MPEP §2111.01 or Toro Co. v. White Consolidated Industries Inc., 199 F.3d 1295, 1301, 53 USPQ2d 1065, 1069 (Fed. Cir. 1999), none of the references of record alone or in combination disclose or suggest the combination of limitations specified in the independent claims including firing the at least one profile to identify mistakes and correct answers is provided by the student as in claims 1, 10 and 19.

3.      A practical application for the invention is disclosed in that abstract as a rule based tutorial system.

4.      The closest prior art (U. S. Patent 5535422, referred to as **Chiang**) teaches in claim 1; A computer implemented method for creating a tutorial presentation , comprising: (a) matching a profile against a simulation domain, wherein the profile comprises a set of criteria and identifies a desired aspect for a current simulation task (**Chiang,** C5:8-35; 'Profile' of applicant is equivalent to 'tutorial system' of Chiang. 'Simulation domain' of applicant is equivalent to 'product' of Chiang.  Therefore 'simulation task' of applicant is the current 'product' which is being taught by the tutorial system.); (b) presenting information indicative of a goal (**Chiang,** C9:24 through C10:41; 'Presenting information indicative

of a goal' of applicant is equivalent to a 'lesson' of Chiang.): (c) integrating information

that motivates accomplishment of the goal (**Chiang,** C9:24 through C10:41; The

integration of information of applicant is disclosed by the 'overview of a first lesson' of

Chiang.) ; (d) monitoring progress toward the goal determining at least one profile that is

true, for the current simulation task from a set of profiles, and providing feedback to a

student, based on the at least one profile, (**Chiang,** C3:9-19; 'Monitoring' of applicant is

equivalent to 'monitor' of Chiang. 'Providing feedback' of applicant is equivalent to

'provide input assistance' of Chiang.), the at least one profile comprises at least one

collective characteristic the at least one collective characteristic being a conditional

using a plurality of characteristics as operands (**Chiang,** C5:8-35, C7:17-39, C9:24

through C10:41, C3:21-45; 'Profile' of applicant is equivalent to 'tutorial system' of Chiang.

The 'tutorial system' is composed of tutorial information. The tutorial information is presented

by a series of lesson panels. Each lesson panel can be seen as a characteristic. Then the

series of lesson panels can be seen as the 'collective characteristic' of applicant.); and (e)

displaying details of the computer-implemented method and displaying the tutorial

presentation as the tutorial presentation executes (**Chiang,** C9:24 through C10:41;

'Displaying details' of applicant is accomplished by the 'tutorial window' and the 'product

window' of Chiang.) and triggering a topic in a concept tree when the at least one profile fires,

wherein the concept tree contains a plurality of concepts associated with the current

simulation task (**Chiang,** C3:21-45, C5:36-57; Chiang discloses 'lesson panels' which are

linked 'hierarchically to step panels.' This hierarchical structure of Chiang is equivalent to a

'tree' structure of applicant. Chiang also discloses that the concept panels are linked to the

lesson panels in a 'parallel relationship.' Thus the concept panels of Chiang are linked in a

hierarchical structure which is equivalent to a 'concept tree' of applicant. Therefore 'triggering

a topic in a concept tree' of applicant is illustrated by 'demonstration assistance or 'show me'

of Chiang.), wherein the tutorial presentation provides a cognitive educational

experience. (**Chiang,** abstract; 'Cognitive educational experience' of applicant is

equivalent to 'interactive online tutorial system' of Chiang.)


In claim 10; An apparatus that creates a tutorial presentation comprising: (a) a

processor that runs a computer program to create the tutorial presentation, the computer

program comprising of logic (**Chiang,** abstract; 'Processor' of applicant is equivalent to 'CPU'

of Chiang.); (b) a memory that stores information under control of the processor(**Chiang,**

abstract; 'Memory' of applicant is equivalent to 'data storage device' of Chiang.) (c) logic that

matches a profile against a simulation domain, wherein the profile comprises a set of

criteria and identifies a desired aspect for a current simulation task (**Chiang,** C5:8-35,

C7:17-39, C9:24 through C10:41; 'Profile' of applicant is equivalent to 'tutorial system' of

Chiang. 'Simulation domain' of applicant is equivalent to 'product' of Chiang.  Therefore

'simulation task' of applicant is the current 'product' which is being taught by the tutorial

system. 'Set of criteria' of applicant is equivalent to 'tutorial window' and 'product window' of

Chiang.); (d) logic that presents information indicative of a goal (**Chiang,** C9:24 through

C10:41; 'Presenting information indicative of a goal' of applicant is equivalent to a

'lesson' of Chiang.): (e) logic that integrates information that motivates accomplishment

of the goal (**Chiang,** C9:24 through C10:41; The integration of information of applicant

is disclosed by the 'overview of a first lesson' of Chiang.); (f) logic that monitors

progress toward the goal determining at least one profile that is true, for the current

simulation task from a set of profiles, and providing feedback to a student, based on the

at least one profile (**Chiang,** C3:9-19, C5:8-35, C7:17-39, C9:24 through C10:41, C3:21-

45; 'Profile' of applicant is equivalent to 'tutorial system' of Chiang. 'Monitoring' of applicant

is equivalent to 'monitor' of Chiang. 'Providing feedback' of applicant is equivalent to

'provide input assistance' of Chiang.), comprising at least one collective characteristics

the at least one collective characteristic being a conditional using a plurality of

characteristics as operands at a particular instance of time, each characteristic

identifying a subset of the simulation domain the at least one profile conjunctively using

a plurality of characteristics, each characteristic identifying a subset of the simulation

domain (**Chiang,** C5:8-35, C7:17-39, C9:24 through C10:41, C3:21-45; The 'tutorial system'

is composed of tutorial information. The tutorial information is presented by a series of lesson

panels. Each lesson panel can be seen as a characteristic. Then the series of lesson panels

can be seen as the 'collective characteristic' of applicant. 'Subset of the simulation domain' of

applicant is disclosed by the 'linked hierarchically to step panels' of Chiang. 'Conjunctively

using a plurality of characteristics' of applicant is disclosed by 'the lesson panels are

linked sequentially to other panels' of Chiang.) (g) logic that displays details of the

computer-implemented method and that displays the tutorial presentation as the tutorial

presentation executes (**Chiang,** C9:24 through C10:41; 'Displaying details' of applicant is

accomplished by the 'tutorial window' and the 'product window' of Chiang.) and triggering a

topic in a concept tree when the at least one profile fires, wherein the concept tree contains a

plurality of concepts associated with the current simulation task (**Chiang,** C3:21-45, C5:36-

57; Chiang discloses 'lesson panels' which are linked 'hierarchically to step panels.' This

hierarchical structure of Chiang is equivalent to a 'tree' structure of applicant. Chiang also

discloses that the concept panels are linked to the lesson panels in a 'parallel relationship.'

Thus the concept panels of Chiang are linked in a hierarchical structure which is equivalent to

a 'concept tree' of applicant. Therefore 'triggering a topic in a concept tree' of applicant is

illustrated by 'demonstration assistance or 'show me' of Chiang.), wherein the tutorial

presentation provides a cognitive educational experience. (**Chiang,** abstract; 'Cognitive

educational experience' of applicant is equivalent to 'interactive online tutorial system' of

Chiang.)


In claim 19; A computer readable medium encoded with computer executable

instructions that when executed perform: (a) matching a profile against a simulation

domain, wherein the profile comprises a set of criteria and identifies a desired aspect

for a current simulation task (**Chiang,** C5:8-35, C7:17-39, C9:24 through C10:41; 'Profile' of

applicant is equivalent to 'tutorial system' of Chiang. 'Simulation domain' of applicant is

equivalent to 'product' of Chiang.  Therefore 'simulation task' of applicant is the current

'product' which is being taught by the tutorial system. 'Set of criteria' of applicant is equivalent

to 'tutorial window' and 'product window' of Chiang.); (b) presenting information indicative

of a goal (**Chiang,** C9:24 through C10:41; 'Presenting information indicative of a goal' of

applicant is equivalent to a 'lesson' of Chiang.): (c) integrating information that motivates

accomplishment of the goal (**Chiang,** C9:24 through C10:41; The integration of

information of applicant is disclosed by the 'overview of a first lesson' of Chiang.); (d)

monitoring progress toward the goal determining at least one profile that is true, for the

current simulation task from a set of profiles, and providing feedback to a student,

based on the at least one profile, comprising at least one collective characteristic, the at

least one collective characteristic being a conditional using a plurality of characteristics

as operands at a particular instance of time, each characteristic identifying a subset of

the simulation domain the at least one profile conjunctively using a plurality of

characteristics, each characteristic identifying a subset of the simulation domain

(**Chiang,** C5:8-35, C7:17-39, C9:24 through C10:41, C3:9-45; 'Monitoring' of applicant is

equivalent to 'monitor' of Chiang. 'Providing feedback' of applicant is equivalent to

'provide input assistance' of Chiang. 'Profile' of applicant is equivalent to 'tutorial system' of

Chiang. The 'tutorial system' is composed of tutorial information. The tutorial information is

presented by a series of lesson panels. Each lesson panel can be seen as a characteristic.

Then the series of lesson panels can be seen as the 'collective characteristic' of applicant.

'Subset of the simulation domain' of applicant is disclosed by the 'linked hierarchically to step

panels' of Chiang. 'Conjunctively using a plurality of characteristics' of applicant is

disclosed by 'the lesson panels are linked sequentially to other panels' of Chiang.); and

(e) displaying details of the computer-implemented method and displaying a tutorial

presentation as the tutorial presentation executes, (**Chiang,** C9:24 through C10:41;

'Displaying details' of applicant is accomplished by the 'tutorial window' and the 'product

window' of Chiang.) and triggering a topic in a concept tree when the at least one profile fires,

wherein the concept tree contains a plurality of concepts associated with the current

simulation task (**Chiang,** C3:21-45, C5:36-57; Chiang discloses 'lesson panels' which are linked 'hierarchically to step panels.' This hierarchical structure of Chiang is equivalent to a 'tree' structure of applicant. Chiang also discloses that the concept panels are linked to the lesson panels in a 'parallel relationship.' Thus the concept panels of Chiang are linked in a hierarchical structure which is equivalent to a 'concept tree' of applicant. Therefore 'triggering a topic in a concept tree' of applicant is illustrated by 'demonstration assistance or 'show me' of Chiang.), wherein the tutorial presentation provides a cognitive educational experience. (**Chiang,** abstract; 'Cognitive educational experience' of applicant is equivalent to 'interactive online tutorial system' of Chiang.)

Complementary art teaches (WO 98/4443: referred to as **RationalInvestors**) the excursions are identifiable

In claim 1

RationalInvestors teaches at a particular instance of time, each characteristic identifying a subset of the simulation domain at least one of the plurality of characteristics being time dependent (**RationalInvestors,** p35-36; 'Rational Investor' is a educational systems that can be used for multiple domains. Pages 35-36 illustrate a domain connected with investing in US Stocks. Training how to buy and sell stocks has the element of 'time' linked to it. Pages 35 and 36 disclose buying at time 'x' and holding the period 'y' are both elements connected with time.)

In claims 10 and 19

RationalInvestors teaches at least one of the plurality of characteristics being time

dependent (**RationalInvestors,** p35-36; 'Rational Investor' is a educational systems

that can be used for multiple domains. Pages 35-36 illustrate a domain connected with

investing in US Stocks. Training how to buy and sell stocks has the element of 'time'

linked to it. Pages 35 and 36 disclose buying at time 'x' and holding the period 'y' are

both elements connected with time.)

5.      Any comments considered necessary by applicant must be submitted no later

than the payment of the issue fee and, to avoid processing delays, should preferably

accompany the issue fee.  Such submissions should be clearly labeled "Comments on

Statement of Reasons for Allowance."

6.      Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Peter Coughlan whose telephone number is (571) 272-

5990, Monday through Friday from 7:15 a.m. to 3:45 p.m. or contact the Supervisor Mr.

David Vincent at (571) 272-3080.

/P. C./

Examiner, Art Unit 2129

Peter Coughlan

Patent Examiner

10/13/2009

/David R Vincent/

Supervisory Patent Examiner, Art Unit 2129